

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Feb/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.025	1118.324	1) Gujrat	1.466	-2.161
2) Hydro	5.093	64.079	2) Madhya Pradesh	3.473	37.003
3) Gas	3.454	43.299	3) Chattisgarh	4.730	40.400
Total MSPGCL	166.572	1225.702	4) Maharashtra	125.025	896.362
B) 1) APLM	55.392	389.786	5) Goa (Amona)	-0.829	-6.874
2) JSWEL	12.191	87.591	Total	133.865	964.730
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.246	141.153
4) RPL(AMT)	26.255	188.551	b) Mumbai Drawl	18.760	146.650
5) WPCL	7.999	54.440	c) MSEDCL Bilateral *	28.548	183.797
6) Other IPP	18.645	130.045	Include PX	-1.005	-22.932
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.246	137.106
C) 1) TPCL Thermal	12.129	92.506	Include PX	1.782	27.679
2) TPCL Hydro	0.637	19.251	Standby	0.000	4.047
3) TPCL Gas	2.210	21.706	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.788	57.639	1) MSEDCL	425.037	3026.080
D) STATE			2) Mumbai Discoms	42.524	337.754
1) Thermal	299.424	2118.882	TOTAL STATE	467.561	3363.834
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	5.730	83.330			
3) Gas (A3+B7+C3)	5.664	65.005			
4) Wind	14.973	77.892			
6) SOLAR	7.905	53.993			
TOTAL STATE	333.696	2399.102			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6914	6924	6752	5281
MSPGCL Hydro	642	408	226	180
MSPGCL Gas	130	140	140	201
MSPGCL Total Generation	7686	7472	7118	5662
Central Sector Receipt	6779	6555	4699	4940
WIND	398	264	380	1101
CPP / IPP Thermal	5635	5627	5338	4276
CPP / IPP Gas	0	0	0	0
SOLAR	1075	1126	1	0
Exchange with Mumbai	-687	-688	-877	-834
MSEDCL DEMAND MET	20886	20356	16660	15146
Load Shedding	0	0	0	0
MSEDCL DEMAND	20886	20356	16660	15146
TPCL GENERATION	825	797	737	617
AEML GENERATION	500	500	284	283
MUMBAI DEMAND	2012	1985	1898	1734
STATE DEMAND MET	22898	22340	18558	16880
STATE DEMAND	22898	22340	18558	16880
Frequency (Hz)	49.98	49.98	49.98	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06:02 Hrs	49.84 Hz at 15:26 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 07/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.21	0	0
Unit 7	0.00	5.60	0	0
Unit 8	11.84	81.69	584	372
Unit 9	13.17	85.23	592	377
Unit 10	10.98	78.25	500	370
Total	35.99	256.97		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.70	73.62	480	285
Unit 5	10.24	72.25	450	285
Total	20.95	145.87		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.34	37.76	250	200
Unit 7	5.30	37.27	249	194
Unit 8	5.37	38.14	245	200
Total	16.01	113.18		
Chandrapur				
Unit 3	3.42	24.90	155	120
Unit 4	3.25	23.57	145	120
Unit 5	0.00	56.32	0	0
Unit 6	9.59	67.20	440	277
Unit 7	8.24	58.44	375	285
Unit 8	11.65	79.74	495	395
Unit 9	11.18	76.84	489	372
Total	47.32	387.01		
Paras				
Unit 3	5.17	37.38	250	155
Unit 4	5.31	37.61	244	160
Total	10.48	75.00		
Khaparkheda				
Unit 1	3.36	22.78	155	115
Unit 2	3.60	25.22	170	115
Unit 3	4.46	30.86	205	140
Unit 4	4.02	28.34	190	130
Unit 5	8.75	8.91	458	160
Total	24.19	116.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.09	24.16	145	125
Unit 5	0.00	0.00	0	0
Total	3.09	24.16		
Uran				
All Units	3.45	43.30	201	130
Total	3.45	43.30		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.17	3.15	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	3.15		
Koyna				
Stage 1-2	1.72	19.31	230	40
Stage 4	0.00	13.43	0	0
Stage 3	0.71	7.49	80	0
Total	2.43	40.23		
Hydro				
KDPH	0.44	3.76	19	19
VTRNA	0.47	3.02	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.08	47	0
RNGR+BHTSA	0.36	2.51	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	3.31	20	19
GHATGHAR	0.81	9.11	250	0
Total	2.67	23.84		
Wind				
Total	14.97	77.89	0	0
Total	14.97	77.89		
CPP				
APML(Mus)	55.39	389.79	0	0
JSWEL(Mus)	12.19	87.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.26	188.55	0	0
WPCL(Mus)	8.00	54.44	0	0
Other(Mus)	18.64	130.04	0	0
Total	120.48	850.41		
SOLAR				
Total	7.90	53.99	0	0
Total	7.90	53.99		
Tata				
Trombay 5	8.25	62.17	447	287
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.59	13.67	117	0
Trombay 7B	0.62	8.04	68	0
Trombay 8	3.88	30.33	239	137
TATA Hydro	0.64	19.25	138	0
Total	14.98	133.46		
AEML				
DTPS U-1&2	8.79	57.64	501	282
Total	8.79	57.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.02	1118.32	MSPGCL Total	166.57	1225.70
			MSPGCL Thml+Gas	161.48	1161.62	Koyna 1,2 & 4 Total	1.72	32.74
			MSPGCL Hydro	5.09	64.08	State Total	333.70	2399.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Feb/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6394	92	140	6626	852	4313	0	0	5019	5238	-923	16106	0	16106	1677	17784	50.01
2	6230	92	150	6472	821	4268	0	0	4946	4946	-833	15674	0	15674	1571	17246	49.99
3	5992	98	140	6230	924	4265	0	0	4941	5058	-761	15716	0	15716	1497	17212	50.00
4	6153	98	150	6400	932	4247	0	0	4953	4677	-716	15540	0	15540	1453	16994	50.00
5	6361	98	150	6608	883	4265	0	0	5071	5121	-707	16170	0	16170	1444	17614	50.01
6	6773	102	140	7016	873	4392	0	0	5331	5505	-775	17010	0	17010	1511	18522	50.01
7	6874	92	160	7126	907	5009	0	2	5839	5703	-820	17928	0	17928	1556	19484	50.02
8	6998	98	140	7236	794	5458	0	97	5812	6066	-772	18878	0	18878	1624	20502	50.00
9	7052	282	150	7484	624	5611	0	427	6024	6219	-615	19750	0	19750	1755	21506	50.05
10	7025	318	150	7492	528	5618	0	731	6410	6444	-647	20166	0	20166	1898	22064	50.03
11	6951	466	130	7546	454	5626	0	989	6688	6629	-682	20562	0	20562	1980	22542	50.00
12	6914	642	130	7686	398	5635	0	1075	6702	6779	-687	20886	0	20886	2012	22898	49.98
13	6924	408	140	7472	264	5627	0	1126	6822	6555	-688	20356	0	20356	1985	22340	49.98
14	6895	102	130	7128	169	5582	0	1106	6624	6730	-721	19994	0	19994	1915	21908	50.00
15	6812	98	130	7040	202	5574	0	967	6689	6798	-780	19800	0	19800	1864	21664	50.00
16	6802	148	130	7080	205	5573	0	748	6718	6623	-799	19430	0	19430	1825	21256	49.95
17	6773	158	140	7070	220	5624	0	485	5957	5786	-684	18502	0	18502	1818	20320	50.00
18	6788	158	130	7076	293	5543	0	151	5432	5081	-735	17410	0	17410	1819	19228	49.97
19	6752	226	140	7118	380	5338	0	1	4876	4699	-877	16660	0	16660	1898	18558	49.98
20	6704	418	140	7262	506	5308	0	0	4519	4341	-927	16490	0	16490	1993	18482	49.97
21	6797	238	140	7176	764	4774	0	0	4453	4369	-974	16108	0	16108	1966	18074	50.01
22	6259	242	153	6654	874	4293	0	0	5089	4646	-943	15524	0	15524	1913	17438	50.00
23	5521	238	150	5908	1005	4263	0	0	5146	4912	-860	15228	0	15228	1816	17044	50.02
24	5281	180	201	5662	1101	4276	0	0	5081	4940	-834	15146	0	15146	1734	16880	50.04
MUs	158.02	5.09	3.45	166.57	14.97	120.48	0.00	7.90	135.14	133.87	-18.76	425.04	0.00	425.04	42.52	467.56	50.00

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Feb/2021

Position as on 6.30 Hrs of 08/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U4	300	28/01/2021	01.34		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	08/02/2021	00.10		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-5	660	18/01/2021	21.00		Continued.	zero scheduled	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
MSPGCL	Bhusawal Unit 3	210	26/01/2021	00.00		Continued.	Zero schedule.	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Koradi Unit 6	210	02/02/2021	20.30		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	02/02/2021	20.50		Continued.	ZERO Schedule by MSEDCL	
TPC-G	Trombay 7B	60	06/02/2021	02.47	07/02/2021	14.14	Withdrawal for gas control value inspection & repair work.	
TPC-G	Trombay 7A	120	06/02/2021	03.04	07/02/2021	09.33	Withdrawal for gas control value inspection & repair work.	
MSPGCL	Uran Unit 5	108	06/02/2021	17.55	07/02/2021	21.54	System Jerk.	
MSPGCL	Chandrapur Unit 5	500	06/02/2021	20.16		Continued.	Clinker Formation In Boiler.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 08/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	05/02/2021	17.35		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	06/02/2021	22.48	07/02/2021	00.23	PO	Relay Maloperated.
Jaigad-Karad Ckt-I	IntraState	07/02/2021	03.06	07/02/2021	09.37	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/02/2021	11.57	07/02/2021	18.08	EO	Due to Sparking at PG Isolator At Padgha End.
Khadka- Deepnagar Ckt 1	IntraState	07/02/2021	15.24		Continued.	EO	Low SF6 Alarm Of Main CB.
Dhule - Bableshwar - II	IntraState	07/02/2021	18.11		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/02/2021	21.35		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/02/2021	00.54		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	07/02/2021	12.22	08/02/2021	00.46	EO	For Investigation the tripping of breaker on PDRO on DT.06.02.2021
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	07/02/2021	18.08	08/02/2021	02.00	T	NDR.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Trombay - Mulund	IntraState	07/02/2021	17.50	07/02/2021	20.43	EO	Earth wire Snapped Between loc.51 & 52.
Trombay - Kalwa	IntraState	07/02/2021	17.51	07/02/2021	20.56	EO	Earth wire Snapped Between loc.51 & 52.
220 KV ICT Outages/Trippings							
220/33kv 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	03/02/2021	08.18		Continued.	PO	33KV AIS to GIS work
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	03/02/2021	11.34		Continued.	PO	Commissioning of New T/F Protector(Fire Protection scheme)
220/33kv 125 MVA Transformer 2 @Saki R/S	IntraState	07/02/2021	09.58	07/02/2021	21.07	PO	Replacement Of E/S Cum Disconnector Operating Spindle Alongwith O'ring. Of 33KV Sw. No.25 And 40.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage